

AFFIDAVIT UNDER 37 CFR 1.132

My name is Herschel James Wood Jr., I live, at 20595 Highland Lake Drive in Lago Vista, Texas, 78645 (near Austin, Texas). I received my undergraduate education in electrical engineering with extensive additional work in the field of physics at the University of Texas.

I am a retired NASA, Johnson Spacecraft Center, engineer. I was the engineering manager responsible for the definition, design, specification, procurement, test and application of spacecraft borne electronic equipment which provided communication and data instrumentation for the Apollo and Shuttle space vehicles.

Typical functions provided by the hardware included voice communication (spacecraft and space suit), television, data signal multiplexing, vehicle and space suit development telemetry, special command and control, teleprinters and special processors required, on the ground, to decode and manipulate the unique signal formats.

Prior to my work with NASA I worked for the Department of Defense designing electronic instrumentation for use in the development and test of U.S. military rockets. Following retirement from NASA I now modify and restore certified and experimental civilian aircraft.

I have been a private pilot for more than thirty years. I have frequently flown Cessna planes with significant weight carrying capacity similar to that of a Cherokee 6. In that regard, I attest that I have frequently and long wished to be able to carry large cargo in my plane, objects for which there is currently space and weight capacity but for which there is no load/unload capability, due to traditional door design. Such large objects could include a motorcycle for ground transportation.

In my opinion, pilots of private aircraft have long yearned for a private craft design that is comparable in cost, load capacity and flight functionality with available craft but which is capable of having large and heavy objects easily loaded or unloaded.

Notwithstanding this long desire, to the best of my knowledge and belief, which is fairly extensive, no private aircraft manufacturer has solved this problem.

Affiant hereby swears, upon penalty of perjury, that all statements made upon my own knowledge are true and all statements made on information and belief are believed to be true.

 April 14, 2008

[signature of affiant]

Herschel James Wood Jr.

[typed name of affiant]